## WHAT IS CLAIMED:

- 1. A method for treatment of Syndrome X or type II diabetes in a mammal, the method comprising administering to a mammal in need thereof:
  - a) a pharmaceutically effective amount of a biguanide agent; and
- b) a pharmaceutically effective amount of a PTPase inhibiting compound of formula I:

$$Z^{1}$$

$$Z^{2}$$

$$(I)$$

wherein

10 Ar is

15

5

A is hydrogen, halogen, or OH;

B and D are each, independently, hydrogen, halogen, CN, alkyl of 1-6 carbon atoms, aryl, aralkyl of 6-12 carbon atoms, hydroxyalkyl of 1-6 carbon atoms, hydroxyaralkyl of 6-12 carbon atoms, cycloalkyl of 3-8 carbon atoms, nitro, amino, -NR<sup>1</sup>R<sup>1a</sup>, -NR<sup>1</sup>COR<sup>1a</sup>, -NR<sup>1</sup>CO<sub>2</sub>R<sup>1a</sup>, cycloalkylamino of 3-8 carbon atoms, morpholino, furan-2-yl, furan-3-yl, thiophen-2-yl, thiophen-3-yl, -COR<sup>1b</sup> or OR:

R is hydrogen, alkyl of 1-6 carbon atoms,  $-COR^1$ ,  $-(CH_2)_nCO_2R^1$ ,  $-CH(R^{1a})CO_2R^1$ ,  $-SO_2R^1$ ,  $-(CH_2)_mCH(OH)CO_2R^1$ ,  $-(CH_2)_mCOCO_2R^1$ ,  $-(CH_2)_mCH=CHCO_2R^1$ , or  $-(CH_2)_mO(CH_2)_oCO_2R^1$ ;

 $R^1$  is hydrogen, alkyl of 1-6 carbon atoms, aralkyl of 6-12 carbon atoms, aryl, or  $CH_2CO_2R^{1'}$ ;

R1' is hydrogen or alkyl of 1-6 carbon atoms

10

25

E is S, SO, SO<sub>2</sub>, O, or NR<sup>1c</sup>;

X is hydrogen, halogen, alkyl of 1-6 carbon atoms, alkenyl of 2-7 carbon atoms, CN, aryl, aralkyl of 6-12 carbon atoms, hydroxyalkyl of 1-6 carbon atoms, hydroxyaralkyl of 6-12 carbon atoms, perfluoroalkyl of 1-6 carbon atoms, alkoxy of 1-6 carbon atoms, aryloxy; arylalkoxy, nitro, amino, NR<sup>2</sup>R<sup>2</sup>a, NR<sup>2</sup>COR<sup>2</sup>a, cycloalkylamino of 3-8 carbon atoms, morpholino, alkylsulfanyl of 1-6 carbon atoms, arylsulfanyl, pyridylsulfanyl, 2-N,N-dimethylaminoethylsulfanyl, -OCH<sub>2</sub>CO<sub>2</sub>R<sup>2</sup>b or -COR<sup>2</sup>c;

Y is hydrogen, halogen, alkyl of 1-6 carbon atoms, aryl, aralkyl of 6-12 carbon atoms, hydroxyalkyl of 1-6 carbon atoms, hydroxyaralkyl of 6-12 carbon atoms, -OR<sup>3</sup>, SR<sup>3</sup>, NR<sup>3</sup>R<sup>3a</sup>, -COR<sup>3b</sup>, morpholine or piperidine;

R<sup>1a</sup>, R<sup>1c</sup>, R<sup>2</sup>, R<sup>2a</sup> R<sup>3</sup>, R<sup>3a</sup> are each, independently, hydrogen, alkyl of 1-6 carbon atoms, aralkyl of 6-12 carbon atoms, or aryl;

R<sup>1b</sup> is alkyl of 1-6 carbon atoms or aryl;

15 R<sup>2b</sup> is hydrogen, alkyl of 1-6 carbon atoms;

 ${\sf R}^{\sf 2c}$  and  ${\sf R}^{\sf 3b}$  are each, independently, alkyl of 1-6 carbon atoms, aryl, or aralkyl of 6-12 carbon atoms;

C is hydrogen, halogen or OR<sup>4</sup>;

R<sup>5</sup> is hydrogen, alkyl of 1-6 carbon atoms, aralkyl of 6-12 carbon atoms, aryl, -CH<sub>2</sub>(1H-imidazol-4-yl), -CH<sub>2</sub>(3-1H-indolyl), -CH<sub>2</sub>CH<sub>2</sub>(1,3-dioxo-1,3-dihydro-isoindol-2-yl), -CH<sub>2</sub>CH<sub>2</sub>(1-oxo-1,3-dihydro-isoindol-2-yl), -CH<sub>2</sub>(3-pyridyl), -CH<sub>2</sub>CO<sub>2</sub>H, or -(CH<sub>2</sub>)<sub>n</sub>G;

G is 
$$NR^{6a}R^{7a}$$
,  $NR^{6a}COR^{7a}$ ,  $HN$   $(CH_2)_{\mathbf{n}}$ ,  $HN$   $(CH_2)_{\mathbf{n}}$ , or  $(CH_2)_{\mathbf{n}}$ 

10

W is  $CO_2R^6$ ,  $CONH_2$ , CONHOH, CN,  $CONH(CH_2)_2CN$ , 5-tetrazole,  $-PO_3(R^6)_2$ ,  $-CH_2OH$ ,  $-CONR^{6b}CHR^{7b}$ ,  $-CH_2NR^{6b}CHR^{7b}CO_2R^6$ ,  $-CH_2OCHR^{7b}CO_2R^6$   $-CH_2Br$ , or  $-CONR^{6b}CHR^{7b}CO_2R^6$ ;

R<sup>6</sup>, R<sup>7</sup>, R<sup>7a</sup> are each, independently, is hydrogen, alkyl of 1-6 carbon atoms, or aryl;

R<sup>6b</sup> is hydrogen or -COR<sup>6c</sup>;

R<sup>6c</sup> is alkyl of 1-6 carbon atoms or aryl;

 $\mathsf{R}^{7b}$  is hydrogen, alkyl of 1-6 carbon atoms, or hydroxyalkyl of 1-6 carbon atoms;

Z<sup>1</sup> and Z<sup>2</sup> are each, independently, hydrogen, halogen, CN, alkyl of 1-6 carbon atoms, aryl, aralkyl of 6-12 carbon atoms, cycloalkyl of 3-8 carbon atoms, nitro, amino, -NR<sup>1</sup>R<sup>1a</sup>, -NR<sup>1</sup>COR<sup>1a</sup>, cycloalkylamino of 3-8 carbon atoms, morpholino, or OR<sup>8</sup>, or Z<sup>1</sup> and Z<sup>2</sup> may be taken together as a diene unit having the formula -CH=CR<sup>9</sup>-CR<sup>10</sup>=CR<sup>11</sup>-;

 $\mathsf{R}^8$  is hydrogen, alkyl of 1-6 carbon atoms, or aryl;

15 R<sup>9</sup>, R<sup>10</sup>, and R<sup>11</sup> are each, independently, hydrogen, alkyl of 1-6 carbon atoms, aryl, halogen, hydroxy, or alkoxy of 1-6 carbon atoms

m is 1 to 4

n is 1 or 2;

p is 1 to 4;

20 q is 1 to 4;

or a pharmaceutically acceptable salt thereof; and

- c) optionally, a pharmaceutically effective amount of a sulfonylurea agent, or a pharmaceutically acceptable salt form thereof.
- 25 2. The method of Claim 1 wherein the PTPase inhibiting compound is as defined in Claim 1, wherein:

A is hydrogen or halogen

- B and D are each, independently, hydrogen, halogen, CN, alkyl of 1-6 carbon atoms, aryl, aralkyl of 6-12 carbon atoms, branched alkyl, cycloalkyl of 3-8 carbon atoms, nitro or OR;
- 5 R is hydrogen or alkyl of 1-6 carbon atoms;

E is S, or O;

10

25

30

- X is hydrogen, halogen, alkyl of 1-6 carbon atoms, CN, perfluoroalkyl of 1-6 carbon atoms, alkoxy of 1-6 carbon atoms, aryloxy; arylalkoxy, nitro, amino, NR<sup>2</sup>R<sup>2a</sup>, NR<sup>2</sup>COR<sup>2a</sup>, cycloalkylamino, morpholino, alkylsulfanyl of 1-6 carbon atoms, arylsulfanyl, pyridylsulfanyl, or 2-N,N-dimethylaminoethylsulfanyl;
- R<sup>1</sup>, R<sup>1a</sup>, R<sup>2</sup>, R<sup>2a</sup>, R<sup>3</sup>, and R<sup>3a</sup> are each, independently, hydrogen, alkyl of 1-6 carbon atoms, aralkyl of 6-12 carbon atoms, or aryl;

Y is hydrogen, halogen, OR<sup>3</sup>, SR<sup>3</sup>, NR<sup>3</sup>R<sup>3a</sup>, or morpholine;

15 C is hydrogen, halogen, or OR4;

- 20 R<sup>5</sup> is hydrogen, alkyl of 1-6 carbon atoms, aralkyl of 6-12 carbon atoms, aryl, -CH<sub>2</sub>(1H-imidazol-4-yl), -CH<sub>2</sub>(3-1H-indolyl), -CH<sub>2</sub>CH<sub>2</sub>(1,3-dioxo-1,3-dihydro-isoindol-2-yl), or -CH<sub>2</sub>CH<sub>2</sub>(1-oxo-1,3-dihydro-isoindol-2-yl), or -CH<sub>2</sub>(3-pyridyl);
  - W is CO<sub>2</sub>R<sup>6</sup>, -CONH<sub>2</sub>, -CONHOH, 5-tetrazole, or -CONR<sup>6b</sup>CHR<sup>7b</sup>CO<sub>2</sub>R<sup>6</sup>;
  - R<sup>6</sup>, R<sup>6a</sup>, R<sup>6b</sup>, R<sup>7</sup>, R<sup>7a</sup> , and R<sup>7b</sup>are each, independently, hydrogen, alkyl of 1-6 carbon atoms, or aryl;
    - Z<sup>1</sup> and Z<sup>2</sup> are each, independently, hydrogen, halogen, CN, alkyl of 1-6 carbon atoms, aryl, aralkyl of 6-12 carbon atoms, cycloalkyl of 3-8 carbon atoms, nitro, amino, -NR<sup>1</sup>R<sup>1a</sup>, -NR<sup>1</sup>COR<sup>1a</sup>, cycloalkylamino of 3-8 carbon atoms, morpholino, or OR<sup>8</sup>, or Z<sup>1</sup> and Z<sup>2</sup> may be taken together as a diene unit having the formula -CH=CR<sup>9</sup>-CR<sup>10</sup>=CH-;

R<sup>9</sup> and R<sup>10</sup> are each, independently, hydrogen, or alkyl of 1-6 carbon atoms;

p is 1 to 4;

q is 1 to 4;

or a pharmaceutically acceptable salt thereof.

5

10

3. The method of Claim 2 wherein the PTPase inhibiting compound is defined in Claim 2, wherein

A is hydrogen;

B and D are each, independently, halogen, alkyl of 1-6 carbon atoms, aryl, aralkyl of 6-12 carbon atoms, or cycloalkyl of 3-8 carbon atoms;

E is S or O;

X is hydrogen, halogen, alkyl of 1-6 carbon atoms, perfluoroalkyl of 1-6 carbon atoms, CN, alkoxy of 1-6 carbon atoms, aryloxy, arylalkoxy of 6-12 carbon atoms, arylsulfanyl;

15 Y is hydrogen, -NR<sup>1</sup>R<sup>2</sup>, or morpholine;

R<sup>1</sup> and R<sup>2</sup> are each, independently, hydrogen or alkyl of 1-6 carbon atoms, aralkyl of 6-12 carbon atoms, or aryl;

C is OR4;

R<sup>4</sup> is hydrogen, alkyl of 1-6 carbon atoms, -CH(R<sup>5</sup>)W, or 5-thiazolidine-2,4-dione;

20 R<sup>5</sup> is hydrogen, alkyl of 1-6 carbon atoms, aralkyl of 6-12 carbon atoms, aryl, -CH<sub>2</sub>(3-1H-indolyl), -CH<sub>2</sub>CH<sub>2</sub>(1,3-dioxo-1,3-dihydro-isoindol-2-yl), or -CH<sub>2</sub>CH<sub>2</sub>(1-oxo-1,3-dihydro-isoindol-2-yl);

W is  $-CO_2R^6$ ,  $-CONH_2$ , -CONHOH, 5-tetrazole,  $-PO_3(R^6)_2$ , or  $-CONR^6CHR^6CO_2R^6$ ;

25 R<sup>6</sup> is hydrogen or alkyl of 1-6 carbon atoms;

 $Z^1$  and  $Z^2$  are taken together as a diene unit having the formula -CH=CH-H=CH-; or a pharmaceutically acceptable salt thereof.

4. The method of Claim 1 wherein the PTPase inhibiting compound is (2R)-2-[4-30 (9-Bromo-2,3-dimethyl-naptho[2,3-b]thiophen-4-yl)-2,6-dimethyl-phenoxy]-3-phenyl-propionic acid, or a pharmaceutically acceptable salt form thereof.

- 5. The method of Claim 1 wherein the PTPase inhibiting compound is selected from the group of:
- (R)-2-[2,6-dibromo-4-(9-bromo-2,3-dimethyl-naphtho[2,3-b]thiophen-4-yl)-phenoxy]-3-phenyl-propionic acid;
- (R)-2-[2-bromo-4-(9-bromo-2, 3-dimethyl-naphtho[2,3-b]thiophen-4-yl)-6-ethyl-phenoxy]-3-phenyl-propionic acid;
- (R)-2-[4-(9-bromo-2, 3-dimethyl-naphtho[2,3-b]thiophen-4-yl)-2, 6-dimethyl-phenoxy]-3-phenyl-propionic acid;
- 10 (R)-2-[4-(9-bromo-2, 3-dimethyl-naphtho[2,3-b]thiophen-4-yl)-2-fluoro-phenoxy]-3-phenyl-propionic acid;
  - [4-(9-bromo-2, 3-dimethyl-naphtho[2,3-b]thiophen-4-yl)-2, 6-diisopropyl-phenoxy]-acetic acid; or a pharmaceutically acceptable salt form thereof.

25

- 6. The method of Claim 1 wherein the PTPase inhibiting compound is selected from the group of:
- (R)-2-[2-bromo-4-(9-bromo-2, 3-dimethyl-naphtho[2,3-b]thiophen-4-yl)-6-sec-butyl-phenoxy]-3-phenyl-propionic acid;
- 20 (R)-2-[2-bromo-4-(9-bromo-2, 3-dimethyl-naphtho[2,3-b]thiophen-4-yl)-6-isopropyl-phenoxy]-3-phenyl-propionic acid;
  - (R)-2-[2-bromo-4-(9-bromo-2, 3-dimethyl-naphtho[2,3-b]thiophen-4-yl)-2-cyclopentyl-phenoxy]-3-phenyl-propionic acid;
  - (R)-2-[4-(9-bromo-2, 3-dimethyl-naphtho[2,3-b]thiophen-4-yl)-6-isopropyl-phenoxy]-3-phenyl-propionic acid;
    - (R)-2-[4-(9-bromo-2, 3-dimethyl-naphtho[2,3-b]thiophen-4-yl)-2-cyclopentyl-phenoxy]-3-phenyl-propionic acid; or a pharmaceutically acceptable salt thereof.
- 7. The method of Claim 1 wherein the PTPase inhibiting compound is selected 30 from the group of:
  - (R)-2-[2,6-dibromo-4-(2,3-dimethyl-9-phenylsulfanyl-naphtho[2,3-b]thiophen-4-yl)-phenoxy]-3-phenyl-propionic acid;

- (R)-2-[2,6-dibromo-4-(9-bromo-2,3-dimethyl-naphtho[2,3-b]thiophen-4-yl)-phenoxy]-4-phenyl-butyric acid;
- (S)-2-[2,6-dibromo-4-(9-bromo-2,3-dimethyl-naphtho[2,3-b]thiophen-4-yl)-phenoxy]-4-phenyl-butyric acid;
- 5 2-[2,6-dibromo-4-(9-bromo-3-methyl-2-morpholin-4-ylmethyl-naphtho[2,3-b]thiophen-4-yl)-phenoxy]-3-phenyl-propionic acid;
  - (R)-2-[2,6-dibromo-4-(2,3-dimethyl-9-phenylsulfanyl-naphtho[2,3-b]thiophen-4-yl)-phenoxy]-propionic acid; or a pharmaceutically acceptable salt thereof.
- 10 8. The method of Claim 1 wherein the PTPase inhibiting compound is selected from the group of:

[2-bromo-4-(9-bromo-2,3-dimethyl-naphtho[2,3-b]thiophen-4-yl)-2-nitro-phenoxy]-3-phenyl-propionic acid;

- 2, 6-dibromo-4-(9-bromo-2, 3-dimethyl-naphtho[2,3-b]thiophen-4-yl)-phenol; 2-bromo-4-(9-bromo-2, 3-dimethyl-naphtho[2,3-b]thiophen-4-yl)-6-nitrophenol;
  - (R)-2-[2,6-dibromo-4-(9-bromo-2-diethylaminomethyl-3-methyl-naphtho[2,3-b]thiophen-4-yl)-phenoxy]-3-phenyl-propionic acid;
- (R)-2-[2,6-dibromo-4-(2,3-dimethyl-naphtho[2,3-b]furan-4-yl)-phenoxy]-3-20 phenyl-propionic acid; or a pharmaceutically acceptable salt thereof.
  - 9. The method of Claim 1 wherein the PTPase inhibiting compound is selected from the group of:
- (2R)-2-[4-9-bromo-2,3-dimethyl-naphtho[2,3-b]thiophen-4-yl)-2,6-diisopropyl-25 phenoxy]-3-phenyl-propionic acid,
  - (R)-2-[4-(9-bromo-2-,3-dimethyl-naphtho[2,3-b]thiophen-4-yl)-2,6-diethyl-phenoxy]-3-phenyl-propionic acid;
  - {(2R)-2-[4-(9-bromo-2,3-dimethyl-naphtho[2,3-b]thiophen-4-yl)-2,6-dimethyl-phenoxy]-3-phenyl-propionylamino}-acetic acid;
- 30 {(2R)-2-[4-(9-bromo-2,3-dimethyl-naphtho[2,3-b]thiophen-4-yl)-2,6-diethyl-phenoxy]-3-phenyl-propionylamino}-acetic acid;
  - (2R)-2-[4-(9-Bromo-2,3-dimethyl-naphtho[2,3-b]thiophen-4-yl)-phenoxy]-3-phenyl-propionic acid; or a pharmaceutically acceptable salt thereof.

- 10. The method of Claim 1 wherein the PTPase inhibiting compound is selected from the group of:
- (2S)-2-[4-(9-Bromo-2-,3-dimethyl-naphtho[2,3-b]thiophen-4-yl)-2,6-dimethyl-phenoxy]-3-phenyl-propionic acid;
- {(2R)-2-[4-(2,3-Dimethyl-naphtho[2,3-b]thiophen-4-yl)-2,6-diethyl-phenoxy]-3-phenyl-propionylamino}-acetic acid;
- (R)-2-[4-(9-Bromo-2-,3-dimethyl-naphtho[2,3-b]furan-4-yl)-2,6-diethyl-phenoxy]-3-phenyl-propionic acid;
- 10 (R)-2-[2-Cyclopentyl-4-(2-,3-dimethyl-naphtho[2,3-b]thiophen-4-yl)-phenoxy]-propionic acid;
  - (R)-2-[4-(9-Bromo-2-,3-dimethyl-naphtho[2,3-b]thiophen-4-yl)-2-cyclopentyl-phenoxy]-propionic acid; or a pharmaceutically acceptable salt thereof.
- 15 11. The method of Claim 1 wherein the PTPase inhibiting compound is selected from the group of:
  - (R)-2-[4-(2-,3-Dimethyl-naphtho[2,3-b]thiophen-4-yl)-2-ethyl-phenoxy]-3-phenyl-propionic acid;
    - 2-Bromo-4-(2-,3-dimethyl-naphtho[2,3-b]furan-4-yl)-6-ethyl-phenol;
- 20 (R)-2-[2-Bromo-4-(2-,3-dimethyl-naphtho[2,3-b]furan-4-yl)-6-ethyl-phenoxy]-3-phenyl-propionic acid;
  - (R)-2-[4-(9-Bromo-2-,3-dimethyl-naphtho[2,3-b]thiophen-4-yl)-2-propyl-phenoxy]-3-phenyl-propionic acid;
- (2R)-2-[4-(9-Bromo-2-diethylaminomethyl-3-methyl-naphtho[2,3-b]thiophen-4-25 yl)-2,6-diisopropyl-phenoxy]-3-phenyl-propionic acid;
  - or a pharmaceutically acceptable salt thereof.
  - 12. The method of Claim 1 wherein the biguanide agent is metformin, or a pharmaceutically acceptable salt thereof.
  - 13. The method of Claim 1 wherein the optional sulfonylurea agent is selected from group of glyburide, glyburide, glipizide, glimepiride, chlorpropamide, tolbutamide, or tolazamide, or a pharmaceutically acceptable salt form thereof.

- 14. A method of treating metabolic disorders mediated by insulin resistance or hyperglycemia in a mammal, the method comprising administering to a mammal in need thereof a pharmaceutically effective amount of a pharmaceutically effective amount of a PTPase inhibiting compound, as described in Claim 1, a pharmaceutically effective amount of a biguanide agent and, optionally, a sulfonylurea agent and or a pharmaceutically acceptable salt thereof.
- 15. The method of Claim 14 wherein the biguanide agent is metformin, or a pharmaceutically acceptable salt thereof.
  - 16. The method of Claim 14 wherein the optional sulfonylurea agent is selected from group of glyburide, glyburide, glipizide, glimepiride, chlorpropamide, tolbutamide, or tolazamide, or a pharmaceutically acceptable salt form thereof.

20

25

- 17. The method of Claim 14 wherein the PTPase inhibiting compound is (2R)-2-[4-(9-Bromo-2,3-dimethyl-naptho[2,3-b]thiophen-4-yl)-2,6-dimethyl-phenoxy]-3-phenyl-propionic acid, or (R)-2-[2,6-Dibromo-4-(9-bromo-2,3-dimethyl-naphtho[2,3-b]thiophen-4-yl)-phenoxy]3-phenyl-propionic acid, or (R)-2-[4-(9-Bromo-2,3-dimethyl-naphtho[2,3-b]thiophen-4-yl)-2,6-diethyl-phenoxy]-3-phenyl-propionic acid, or a pharmaceutically acceptable salt form thereof.
- 18. A method of modulating blood glucose levels in a mammal, the method comprising administering to a mammal in need thereof a pharmaceutically effective amount of a pharmaceutically effective amount of a PTPase inhibiting compound, as described in Claim 1, a pharmaceutically effective amount of a biguanide agent and, optionally, a sulfonylurea agent and or a pharmaceutically acceptable salt thereof.
- 19. The method of Claim 18 wherein the biguanide agent is metformin, or a 30 pharmaceutically acceptable salt thereof.

- 20. The method of Claim 18 wherein the optional sulfonylurea agent is selected from group of glyburide, glyburide, glipizide, glimepiride, chlorpropamide, tolbutamide, or tolazamide, or a pharmaceutically acceptable salt form thereof.
- 5 21. The method of Claim 18 wherein the PTPase inhibiting compound is (2R)-2-[4-(9-Bromo-2,3-dimethyl-naptho[2,3-b]thiophen-4-yl)-2,6-dimethyl-phenoxy]-3-phenyl-propionic acid, or (R)-2-[2,6-Dibromo-4-(9-bromo-2,3-dimethyl-naphtho[2,3-b]thiophen-4-yl)-phenoxy]3-phenyl-propionic acid, or (R)-2-[4-(9-Bromo-2,3-dimethyl-naphtho[2,3-b]thiophen-4-yl)-2,6-diethyl-phenoxy]-3-phenyl-propionic acid, or a pharmaceutically acceptable salt form thereof.
  - 22. A pharmaceutical composition comprising a pharmaceutically acceptable carrier or excipient and:
  - a) a pharmaceutically effective amount of metformin, or a pharmaceutically acceptable salt thereof; and
  - b) a pharmaceutically effective amount of a PTPase inhibiting compound of Claim 1, or a pharmaceutically acceptable salt form thereof; and
  - c) optionally, a pharmaceutically effective amount of a sulfonylurea agent.

- 23. The pharmaceutical composition of Claim 22 comprising a pharmaceutically acceptable carrier or excipient and:
- a) a pharmaceutically effective amount of metformin, or a pharmaceutically acceptable salt thereof; and
- b) a pharmaceutically effective amount of (2R)-2-[4-(9-Bromo-2,3-dimethyl-naptho[2,3-b]thiophen-4-yl)-2,6-dimethyl-phenoxy]-3-phenyl-propionic acid, or (R)-2-[2,6-Dibromo-4-(9-bromo-2,3-dimethyl-naphtho[2,3-b]thiophen-4-yl)-phenoxy]3-phenyl-propionic acid, or (R)-2-[4-(9-Bromo-2,3-dimethyl-naphtho[2,3-b]thiophen-4-yl)-2,6-diethyl-phenoxy]-3-phenyl-propionic acid, or a pharmaceutically acceptable salt form thereof; and
  - c) optionally, a pharmaceutically effective amount of a sulfonylurea agent selected from the group of glyburide, glyburide, glipizide, glimepiride,

chlorpropamide, tolbutamide, or tolazamide, or a pharmaceutically acceptable salt form thereof.